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Grace (File)

FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER. SUBJECT: FILM
EVALUATION MISSION G 3235.

1. CAMERA C-118, LENS D-5, WAS USED IN MISSION G 3235 FLOWN
ON 26 OCTOBER 1863; PROCESSING WAS ACCOMPLISHED IN THE FIELD.

2. ORIGINAL NEGATIVE:

A. THE EXPOSURE IS ADEQUATE AND THE RESOLUTION IS FAIR
TO POOR. PORTIONS OF THE DEGRADED RESOLUTION IS DUE TO ATMOSPHERIC
CONDITIONS; HOWEVER, WHERE THE TERRAIN IS CLOUD AND HAZE FREE
THERE ARE LIMITED SMALL AREAS WITHIN THE FORMAT WHERE THE RESOL-
UTION IS GOOD. THE RESOLUTION IS POOREST IN THE OUTBOARD CORNERS
OF THE FORMAT AND IMPROVES PROGRESSIVELY TOWARDS THE CENTER,
BUT IN NO INSTANCE IS THE RESOLUTION OPTIMUM.

B. 9R SIDE: THERE ARE NUMEROUS PINHOLES AT THE BEGINNING
OF THE MISSION AND IN FRAMES 637 THROUGH 650. FRAME 1331 CONTAINS
A REPAIRED TEAR AND FRAME 2395 CONTAINS AN EDGE TEAR. PROCESSING
STREAKS ARE NOTICEABLE THROUGHOUT THE MISSION. THE TITLING
IS SMEARED FROM FRAME 1231 TO 1596 AND THERE ARE HEAVY EMULSION
AND BASE SCRATCHES THROUGHOUT THIS SAME AREA, THE MOST PREDOMINANT

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Declassification Review by NGA/DoD

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declassification

BEING AN EMULSION SCRATCH IN THE FORMAT AREA ALONG THE TITLED
EDGE. FINE LINE SCRATCHES ARE NUMEROUS AND APPEAR INTERMITTENTLY
THROUGHOUT THE MISSION. A SHADOWGRAPH OF A PIECE OF LINT IS
PRESENT IN THE DATA CHAMBER AREA THROUGHOUT THE MISSION. SPLICES
ARE NOTED BETWEEN THE FOLLOWING FRAMES: 532-533; 1000-1001;
1064-1065; 1230-1231; 1596-1597; 1862-1863; 2128-2129; 2394-
2395; 2660-2661; 2926-2927; 3193-3194 AND 2358-3459.
MANUFACTURERS' SPLICES OCCUR IN FRAMES 2194 AND 3318 AND A HEAT
SPLICE IS PRESENT IN FRAME 1249.

C. 9L SIDE: RESOLUTION RANGES FROM POOR TO GOOD. AREA IN
VICINITY OF OUTBOARD EDGE APPEARS OUT-OF-FOCUS, PARTICULARLY AT
THE CORNERS. AREA OF RELATIVELY GOOD PHOTOGRAPHY ASSUMES A
ROUGHLY HEMISPHERIC CONTOUR WITH THE FLAT OR BASE SIDE ON THE
INBOARD EDGE AND PEAKING OUT NEAR THE OUTBOARD EDGE. BEST
RESOLUTION APPEARS TO BE IN THE 1R FRAMES ALTHOUGH THESE ARE
ALSO AFFECTED BY THE OUT-OF-FOCUS CONDITION. THERE ARE MINOR
PROCESSING STREAKS AND INTERMITTENT PINHOLES THROUGHOUT THE MISSION.
FRAMES 524 AND 1000 CONTAIN SEVERE SCRATCHES. FOREIGN MATERIAL
IS NOTED IN FRAME 530 AND A FLARE IS NOTED IN FRAME 2186.
MANUFACTURERS' SPLICES OCCUR IN FRAMES 527, 1743 AND 3436. HEAT
SPLICES ARE PRESENT IN FRAMES 1244 AND 2411. AN EMULSION LIFT
IS NOTED IN FRAME 3436.

D. BOTH SIDES: THE NEGATIVES ARE TITLED 20 OCTOBER 1963 AND THE DATA SHEETS INDICATE THAT THE MISSION WAS FLOWN 26 OCTOBER 1963. THERE ARE A TOTAL OF 2917 EXPOSURES IN THIS MISSION. THE FIRST FRAME IS NUMBERED 518 AND THE LAST FRAME IS 3584.

3. POSITIVE:

A. THE PI SUTIABILITY IS GOOD EXCEPT WHERE DEGRADED BY OUT-OF-FOCUS AREAS DESCRIBED IN PARAGRAPH 2. ABOVE. THE PRINTING AND PROCESSING OF THE POSITIVES ARE GOOD.

B. CLOUDS COVER APPROXIMATELY 60 PER CENT OF THE RETAINED PHOTOGRAPHY.

SCP-1.

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-END OF MESSAGE-

(ALSO PASSED TO CIA WATCH (CGS))

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